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**From:** Gallo, Patty (CONTR) [Patty.Gallo@lm.doe.gov]  
**Sent:** 2/28/2017 3:35:31 PM  
**To:** 'Spreng - CDPHE, Carl' [carl.spreng@state.co.us]  
**CC:** Surovchak, Scott [Scott.Surovchak@lm.doe.gov]; Murl, Jeffrey [Jeffrey.Murl@lm.doe.gov]; lindsay.masters@state.co.us; Smith, Patricia [Smith.Patricia@epa.gov]; Moritz, Vera [Moritz.Vera@epa.gov]; Valenti, John (CONTR) [John.Valenti@lm.doe.gov]; McDonald, Michael (CONTR) [Michael.McDonald@lm.doe.gov]; Ward, David (CONTR) [David.Ward@lm.doe.gov]; Cummins, Laura (CONTR) [Laura.Cummins@lm.doe.gov]; Kaiser, Linda (CONTR) [Linda.Kaiser@lm.doe.gov]  
**Subject:** RE: Radiological risk evaluation for Rocky Flats FYR  
**Attachments:** removed.txt

Carl,

Thanks so much for your review. With regard to the voicemail I left you last evening, I think we have come up with a few options for how to conduct the evaluation of UU/UE for the POU that we would like to discuss during our meeting this afternoon. The basic issue is that we don't have the input parameters for the residential scenario that were used to show UU/UE in 2007 when the POU was deleted from the NPL. We have the WRW input parameters, but we cannot find any residential scenario parameters that were run for the 2006 CRA. Perhaps we are just missing a key piece of information? Do you, or other team members who have been with the project for some time, know where the residential scenario (or UU/UE) is defined for the POU?

If the parameters for UU/UE were not formally defined, the following are potential options for discussion:

1. Use the input parameters defined by the state that were used to determine the dose criteria ARARs
2. Use the input parameters associated with the rural resident scenario defined in the 2002 Syracuse spreadsheet
3. Use the default EPA PRG input parameters for a residential scenario (with or without some site-specific parameters)

Thanks.

*Patty*

Patricia Gallo  
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**From:** Spreng - CDPHE, Carl [mailto:carl.spreng@state.co.us]  
**Sent:** Monday, February 27, 2017 10:17 PM  
**To:** Gallo, Patty (CONTR)  
**Cc:** Surovchak, Scott; Murl, Jeffrey; lindsay.masters@state.co.us; smith.patricia@epa.gov; Moritz, Vera

(Moritz.Vera@epa.gov); Valenti, John (CONTR); McDonald, Michael (CONTR); Ward, David (CONTR); Cummins, Laura (CONTR)

**Subject:** Re: Radiological risk evaluation for Rocky Flats FYR

Patty -- Here are a few suggested edits.

Carl

Carl Spreng  
Corrective Action Unit



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On Mon, Feb 27, 2017 at 3:25 PM, Gallo, Patty (CONTR) <[Patty.Gallo@lm.doe.gov](mailto:Patty.Gallo@lm.doe.gov)> wrote:

All:

Please find attached two files that contain the radiological risk/dose evaluation for your review. The files are: (1) an excerpt from the main body of the document (Question B) and (2) a revised Appendix C, Risk Evaluation. These files contain our progress on the radiological risk evaluation portion of the FYR. This is still a work in progress, but we wanted to provide you something to consider prior to the meeting tomorrow. I am sorry we could not get this to you last week, as promised.

In the Question B file, the text that is not highlighted in grey is the new radiological text. In Appendix C, the new radiological text begins with Section C.2.3.3 and continues through the end of the appendix.

Our radiological SME, Mike McDonald will be attending the meeting tomorrow and will provide a summary of the approach taken to complete the radiological evaluation for this FYR.

See you tomorrow. Thanks.

*Patty*

Patricia Gallo

Environmental Compliance, Rocky Flats Site

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